3013 (02-09-04)

ANNUAL REPORT

OF

Name: MADISON WATER UTILITY

Principal Office: 523 EAST MAIN STREET
MADISON, WI 53703-2910

For the Year Ended: DECEMBER 31, 1997

WATER, ELECTRIC, OR JOINT UTILITY
TO
PUBLIC SERVICE COMMISSION OF WISCONSIN

P.O. Box 7854
Madison, WI 53707-7854
(608) 266-3766

This form is required under Wis. Stat. § 196.07. Failure to file the form by the statutory filing date can result in the imposition of a penalty under Wis. Stat. § 196.66. The penalty which can be imposed by this section of the statutes is a forfeiture of not less than $25 nor more than $5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.

SIGNATURE PAGE

I ROBERT E ROESKE of
(Person responsible for accounts)

Madison Water Utility , certify that I
(Utility Name)

am the person responsible for accounts; that I have examined the following report and, to the best of my knowledge, information and belief, it is a correct statement of the business and affairs of said utility for the period covered by the report in respect to each and every matter set forth therein.

(Signature of person responsible for accounts) 03/31/1998 (Date)

ACCOUNTANT III
(Title)

TABLE OF CONTENTS

IDENTIFICATION AND OWNERSHIP

Exact Utility Name: MADISON WATER UTILITY
Utility Address: 523 EAST MAIN STREET
MADISON, WI 53703-2910

When was utility organized? 7/1/1881
Report any change in name:
Effective Date:
Utility Web Site:

Utility employee in charge of correspondence concerning this report:

Name: MR DAVID DENIG-CHAKROFF
Title: WATER UTILITY MANAGER
Office Address:
523 E MAIN ST
MADISON, WI 53703-2910

Telephone: (608) 266 - 4652
Fax Number: (608) 266 - 4426
E-mail Address: ddenigchakroff@ci.madison.wi.us

Individual or firm, if other than utility employee, preparing this report:

Name: NONE
Title:
Office Address:

Telephone:
Fax Number:
E-mail Address:

Are records of utility audited by individuals or firms, other than utility employee? YES

Individual or firm, if other than utility employee, auditing utility records:

Name: VIRCHOW, KRAUSE & COMPANY
Title:
Office Address: VIRCHOW, KRAUSE & COMPANY
4600 AMERICAN PARKWAY
P.O. BOX 7398
MADISON, WI 53707-7398
Telephone: (608) 249 - 6622
Fax Number:
E-mail Address:
Date of most recent audit report: 4/29/1997
Period covered by most recent audit: Year 1996

IDENTIFICATION AND OWNERSHIP

Names and titles of utility management including manager or superintendent:

Name: DAVID DENIG-CHAKROFF
Title: MANAGER
Office Address:

Telephone:
Fax Number:
E-mail Address:

Name: DONALD PAULSON
Title: SECRETARY
Office Address:

Telephone:
Fax Number:
E-mail Address:

Name: JOHN LAUB
Title: VICE PRESIDENT
Office Address:

Telephone:
Fax Number:
E-mail Address:

Name: LAWRENCE BECHLER
Title: PRESIDENT
Office Address:

Telephone:
Fax Number:
E-mail Address:

IDENTIFICATION AND OWNERSHIP

Names and titles of utility management including manager or superintendent:

Name: RAY FISHER
Title: TREASURER
Office Address:

Telephone:
Fax Number:

Name of utility commission/committee:

Names of members of utility commission/committee:

LARRY BECHLER, PRESIDENT
JOHN LAUB, VICE PRESIDENT
JEAN MAC CUBBIN
PRISCILLA MATHER
DONALD PAULSON, SECRETARY

Is sewer service rendered by the utility? NO

If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.077 of the Wisconsin Statutes? NO

Date of Ordinance:

Are any of the utility administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and/or current year (i.e., operation of water or sewer treatment plant)? NO

Provide the following information regarding the provider(s) of contract services:

Firm Name:

Contact Person:
Title:
Telephone:
Fax Number:
E-mail Address:

Contract/Agreement beginning-ending dates:

Provide a brief description of the nature of Contract Operations being provided:

INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	12,264,730	12,315,742	1
Operating Expenses:			
Operation and Maintenance Expense (401-402)	6,931,669	6,658,524	2
Depreciation Expense (403)	1,681,632	1,560,709	3
Amortization Expense (404-407)	0		4
Taxes (408)	2,227,170	2,254,299	5
Total Operating Expenses	**10,840,471**	**10,473,532**	
Net Operating Income	**1,424,259**	**1,842,210**	
Income from Utility Plant Leased to Others (412-413)	0		6
Utility Operating Income	**1,424,259**	**1,842,210**	
OTHER INCOME			
Income from Merchandising, Jobbing and Contract Work (415-416)	(14,389)	(6,145)	7
Income from Nonutility Operations (417)	0		8
Nonoperating Rental Income (418)	0		9
Interest and Dividend Income (419)	463,060	466,330	10
Miscellaneous Nonoperating Income (421)	0		11
Total Other Income	**448,671**	**460,185**	
Total Income	**1,872,930**	**2,302,395**	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0		12
Other Income Deductions (426)	0		13
Total Miscellaneous Income Deductions	**0**	**0**	
Income Before Interest Charges	**1,872,930**	**2,302,395**	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	786,220	927,120	14
Amortization of Debt Discount and Expense (428)	63,551	81,806	15
Amortization of Premium on Debt--Cr. (429)			16
Interest on Debt to Municipality (430)	0		17
Other Interest Expense (431)	16,170		18
Interest Charged to Construction--Cr. (432)	15,977		19
Total Interest Charges	**849,964**	**1,008,926**	
Net Income	**1,022,966**	**1,293,469**	
EARNED SURPLUS			
Unappropriated Earned Surplus (Beginning of Year) (216)	22,111,006	21,034,373	20
Balance Transferred from Income (433)	1,022,966	1,293,469	21
Miscellaneous Credits to Surplus (434)	184,722		22
Miscellaneous Debits to Surplus--Debit (435)	35,254	216,836	23
Appropriations of Surplus--Debit (436)	0		24
Appropriations of Income to Municipal Funds--Debit (439)	0		25
Total Unappropriated Earned Surplus End of Year (216)	**23,283,440**	**22,111,006**	

INCOME STATEMENT ACCOUNT DETAILS

1. Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Amount (b)	
Revenues from Utility Plant Leased to Others (412):		
NONE		1
Total (Acct. 412):	**0**	
Expenses of Utility Plant Leased to Others (413):		
NONE		2
Total (Acct. 413):	**0**	
Income from Nonutility Operations (417):		
NONE		3
Total (Acct. 417):	**0**	
Nonoperating Rental Income (418):		
NONE		4
Total (Acct. 418):	**0**	
Interest and Dividend Income (419):		
Interest on Assessments	25,655	5
Interest on Investments	437,405	6
Total (Acct. 419):	**463,060**	
Miscellaneous Nonoperating Income (421):		
NONE		7
Total (Acct. 421):	**0**	
Miscellaneous Amortization (425):		
NONE		8
Total (Acct. 425):	**0**	
Other Income Deductions (426):		
NONE		9
Total (Acct. 426):	**0**	
Miscellaneous Credits to Surplus (434):		
Gain on Sale of Land - Unit Well #4	122,479	10
Recalculation of 1996 PILOT	62,243	11
Total (Acct. 434):	**184,722**	
Miscellaneous Debits to Surplus (435):		
Write off balance in escrow account - Call of 1987 Bonds	35,254	12
Total (Acct. 435)--Debit:	**35,254**	
Appropriations of Surplus (436):		
Detail appropriations to (from) account 215		13
Total (Acct. 436)--Debit:	**0**	
Appropriations of Income to Municipal Funds (439):		
NONE		14
Total (Acct. 439)--Debit:	**0**	

INCOME FROM MERCHANDISING, JOBBING & CONTRACT WORK (ACCTS. 415-416)

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Revenues (account 415)	7,552				**7,552**	1
Costs and Expenses of Merchandising, Jobbing and Contract Work (416):						
Cost of merchandise sold					**0**	2
Payroll	11,845				**11,845**	3
Materials	4,732				**4,732**	4
Taxes	888				**888**	5
Other (list by major classes):						
Transportation	1,266				**1,266**	6
Tools	434				**434**	7
Overhead	2,776				**2,776**	8
Total costs and expenses	**21,941**	**0**	**0**	**0**	**21,941**	
Net income (or loss)	**(14,389)**	**0**	**0**	**0**	**(14,389)**	

REVENUES SUBJECT TO WISCONSIN REMAINDER ASSESSMENT

1. Report data necessary to calculate revenue subject to Wisconsin remainder assessment pursuant to Wis. Stat. § 196.85(2) and Wis. Admin. Code Ch. PSC 5.
2. If the sewer department is not regulated by the PSC, do not report sewer department data in column (d).

Description (a)	Water Utility (b)	Electric Utility (c)	Sewer Utility (Regulated Only) (d)	Gas Utility (e)	Total (f)	
Total operating revenues	12,264,730	0	0	0	**12,264,730**	**1**
Less: interdepartmental sales	0		0		**0**	**2**
Less: interdepartmental rents	0	0			**0**	**3**
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				**0**	**4**
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained					**0**	**5**
Other Increases or (Decreases) to Operating Revenues - Specify:						
Collections previously written off	91				**91**	**6**
Revenues subject to Wisconsin Remainder Assessment	**12,264,821**	**0**	**0**	**0**	**12,264,821**	

DISTRIBUTION OF TOTAL PAYROLL

1. Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
2. The amount for clearing accounts in column (c) is entered as a negative for account "Clearing Accounts" and the distributions to accounts on all other lines in column (c) will be positive with the total of column (c) being zero.
3. Provide additional information in the schedule footnotes when necessary.

Accounts Charged (a)	Direct Payroll Distribution (b)	Allocation of Amounts Charged Clearing Accts. (c)	Total (d)	
Water operating expenses	3,391,820	244,356	**3,636,176**	**1**
Electric operating expenses			**0**	**2**
Gas operating expenses			**0**	**3**
Heating operating expenses			**0**	**4**
Sewer operating expenses			**0**	**5**
Merchandising and jobbing	11,845		**11,845**	**6**
Other nonutility expenses	506,682		**506,682**	**7**
Water utility plant accounts	507,514	36,579	**544,093**	**8**
Electric utility plant accounts			**0**	**9**
Gas utility plant accounts			**0**	**10**
Heating utility plant accounts			**0**	**11**
Sewer utility plant accounts			**0**	**12**
Accum. prov. for depreciation of water plant	61,145	4,394	**65,539**	**13**
Accum. prov. for depreciation of electric plant			**0**	**14**
Accum. prov. for depreciation of gas plant			**0**	**15**
Accum. prov. for depreciation of heating plant			**0**	**16**
Accum. prov. for depreciation of sewer plant			**0**	**17**
Clearing accounts	285,329	(285,329)	**0**	**18**
All other accounts			**0**	**19**
Total Payroll	**4,764,335**	**0**	**4,764,335**	

BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (101-107)	91,794,759	88,554,660	1
Less: Accumulated Provision for Depreciation and Amortization (111-116)	21,025,904	19,676,546	2
Net Utility Plant	**70,768,855**	**68,878,114**	
Utility Plant Acquisition Adjustments (117-118)			3
Other Utility Plant Adjustments (119)			4
Total Net Utility Plant	**70,768,855**	**68,878,114**	
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	114,132	80,542	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	46,603	25,089	6
Net Nonutility Property	**67,529**	**55,453**	
Investment in Municipality (123)	0		7
Other Investments (124)	1,192,671	1,153,240	8
Special Funds (125-128)	8,088,073	10,653,449	9
Total Other Property and Investments	**9,348,273**	**11,862,142**	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)	124,820	251,949	10
Special Deposits (132-134)	0		11
Working Funds (135)	5,500	5,200	12
Temporary Cash Investments (136)	150,000	150,000	13
Notes Receivable (141)	0		14
Customer Accounts Receivable (142)	1,336,056	1,317,988	15
Other Accounts Receivable (143)	1,977,716	483,988	16
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	44,412	35,090	17
Receivables from Municipality (145)	1,172,367	1,170,167	18
Materials and Supplies (151-163)	459,919	415,190	19
Prepayments (165)	19,605	60,164	20
Interest and Dividends Receivable (171)	70,988	84,703	21
Accrued Utility Revenues (173)	2,580,482	2,559,144	22
Miscellaneous Current and Accrued Assets (174)			23
Total Current and Accrued Assets	**7,853,041**	**6,463,403**	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	178,600	242,151	24
Other Deferred Debits (182-186)	0		25
Total Deferred Debits	**178,600**	**242,151**	
Total Assets and Other Debits	**88,148,769**	**87,445,810**	

BALANCE SHEET

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
PROPRIETARY CAPITAL			
Capital Paid in by Municipality (200)	2,090,462	1,897,969	26
Appropriated Earned Surplus (215)			27
Unappropriated Earned Surplus (216)	23,283,440	22,111,006	28
Total Proprietary Capital	**25,373,902**	**24,008,975**	
LONG-TERM DEBT			
Bonds (221-222)	11,280,000	15,420,000	29
Advances from Municipality (223)	0		30
Other Long-Term Debt (224)	0		31
Total Long-Term Debt	**11,280,000**	**15,420,000**	
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	1,000,000		32
Accounts Payable (232)	2,065,000	2,186,895	33
Payables to Municipality (233)	5,195,282	4,000,321	34
Customer Deposits (235)			35
Taxes Accrued (236)	0	0	36
Interest Accrued (237)	409,280	463,560	37
Matured Long-Term Debt (239)			38
Matured Interest (240)			39
Tax Collections Payable (241)	2,137	10,247	40
Miscellaneous Current and Accrued Liabilities (242)			41
Total Current and Accrued Liabilities	**8,671,699**	**6,661,023**	
DEFERRED CREDITS			
Unamortized Premium on Debt (251)	0		42
Customer Advances for Construction (252)	512,902	375,198	43
Other Deferred Credits (253)	809,375	777,018	44
Total Deferred Credits	**1,322,277**	**1,152,216**	
OPERATING RESERVES			
Property Insurance Reserve (261)			45
Injuries and Damages Reserve (262)			46
Pensions and Benefits Reserve (263)			47
Miscellaneous Operating Reserves (265)			48
Total Operating Reserves	**0**	**0**	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	41,500,891	40,203,596	49
Total Liabilities and Other Credits	**88,148,769**	**87,445,810**	

NET UTILITY PLANT

Report utility plant accounts and related accumulated provisions for depreciation and amortization after allocation of common plant accounts and related provisions for depreciation and amortization to utility departments as of December 31.

Particulars (a)	Water (b)	Sewer (c)	Gas (d)	Electric (e)	
Plant Accounts:					
Utility Plant in Service (101)	89,523,564	0	0	0	1
Utility Plant Purchased or Sold (102)					2
Utility Plant in Process of Reclassification (103)					3
Utility Plant Leased to Others (104)					4
Property Held for Future Use (105)	41,178				5
Completed Construction not Classified (106)					6
Construction Work in Progress (107)	2,230,017				7
Total Utility Plant	91,794,759	0	0	0	
Accumulated Provision for Depreciation and Amortization:					
Accumulated Provision for Depreciation of Utility Plant in Service (111)	21,025,904	0	0	0	8
Accumulated Provision for Depreciation of Utility Plant Leased to Others (112)					9
Accumulated Provision for Depreciation of Property Held for Future Use (113)					10
Accumulated Provision for Amortization of Utility Plant in Service (114)					11
Accumulated Provision for Amortization of Utility Plant Leased to Others (115)					12
Accumulated Provision for Amortization of Property Held for Future Use (116)					13
Total Accumulated Provision	21,025,904	0	0	0	
Net Utility Plant	70,768,855	0	0	0	

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT

Depreciation Accruals (Credits) during the year:
1. Report the amounts charged in the operating sections to Depreciation Expense (403).
2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
3. Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water column.
   If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Water (b)	(c)	(d)	(e)	Total (f)	
Balance first of year	19,676,546				**19,676,546**	1
Credits During Year						2
Accruals:						3
Charged depreciation expense (403)	1,681,632				**1,681,632**	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	75,742				**75,742**	6
Accruals charged other						7
accounts (specify):						8
Clearing Accounts	180,384				**180,384**	9
Salvage	100,641				**100,641**	10
Other credits (specify):						11
					0	12
Total credits	**2,038,399**	**0**	**0**	**0**	**2,038,399**	13
Debits during year						14
Book cost of plant retired	536,804				**536,804**	15
Cost of removal	152,237				**152,237**	16
Other debits (specify):						17
					0	18
Total debits	**689,041**	**0**	**0**	**0**	**689,041**	19
Balance End of Year	**21,025,904**	**0**	**0**	**0**	**21,025,904**	20
						21
						22

NET NONUTILITY PROPERTY (ACCTS. 121 & 122)

1. Report separately each item of property with a book cost of $5,000 or more included in account 121.
2. Other items may be grouped by classes of property.
3. Describe in detail any investment in sewer department carried in this account.

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant				**0**	**1**
Other (specify):					
Old Unit Well No. 24	20,893			**20,893**	**2**
Sewer Meters	56,944	12,566	1,757	**67,753**	**3**
Land	2,705	1,705		**4,410**	**4**
Unit Well No. 2		21,076		**21,076**	**5**
Total Nonutility Property (121)	**80,542**	**35,347**	**1,757**	**114,132**	
Less accum. prov. depr. & amort. (122)	25,089	23,271	1,757	**46,603**	**6**
Net Nonutility Property	**55,453**	**12,076**	**0**	**67,529**	

ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS-CR. (ACCT. 144)

Particulars (a)	Amount (b)	
Balance first of year	35,090	1
Additions:		
Provision for uncollectibles during year	10,750	2
Collection of accounts previously written off: Utility Customers	91	3
Collection of accounts previously written off: Others		4
Total Additions	**10,841**	
Deductions:		
Accounts written off during the year: Utility Customers		5
Accounts written off during the year: Others	1,519	6
Total accounts written off	**1,519**	
Balance end of year	**44,412**	

MATERIALS AND SUPPLIES

Account (a)	Generation (b)	Transmission (c)	Distribution (d)	Other (e)	Total End of Year (f)	Amount Prior Year (g)	
Electric Utility							
Fuel (151)					**0**		**1**
Fuel stock expenses (152)					**0**		**2**
Plant mat. & oper. sup. (154)					**0**		**3**
Total Electric Utility					**0**	**0**	

Account	Total End of Year	Amount Prior Year	
Electric utility total	**0**	**0**	**1**
Water utility (154)	459,919	415,190	**2**
Sewer utility (154)			**3**
Heating utility (154)			**4**
Gas utility (154)			**5**
Merchandise (155)			**6**
Other materials & supplies (156)			**7**
Stores expense (163)			**8**
Total Materials and Supplies	**459,919**	**415,190**	

UNAMORTIZED DEBT DISCOUNT & EXPENSE & PREMIUM ON DEBT (ACCTS. 181 AND 251)

Report net discount and expense or premium separately for each security issue.

Debt Issue to Which Related (a)	Written Off During Year: Amount (b)	Written Off During Year: Account Charged or Credited (c)	Balance End of Year (d)	
Unamortized debt discount & expense (181)				
1987 Revenue Bonds	39,949	428	0	**1**
1989 Revenue Bonds	5,396	428	10,833	**2**
1991 Revenue Bonds	6,080	428	25,181	**3**
1992-B Revenue Bonds	5,567	428	32,247	**4**
1992-C Refunding Bonds	0	428	64,900	**5**
1995 Revenue Bonds	6,559	428	45,439	**6**
Total			**178,600**	
Unamortized premium on debt (251)				
NONE				**7**
Total			**0**	

CAPITAL PAID IN BY MUNICIPALITY (ACCT. 200)

Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D, sewer and privates) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Amount (b)	
Balance first of year	1,897,969	1
Changes during year (explain):		
Payment for Sewer Utility Share of new Billing System	192,493	2
Balance end of year	**2,090,462**	

BONDS (ACCTS. 221 AND 222)

1. Report hereunder information required for each separate issue of bonds.
2. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
3. Proceeds advanced by the municipality from sale of general obligation bonds, if repayable by utility, should be included in account 223.

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)	
1989 Mortgage Revenue Bonds	07/01/1989	01/01/2001	7.00%	1,850,000	1
1991 Mortgage Revenue Bonds	05/01/1991	01/01/2005	7.00%	1,900,000	2
1992-A Refunding Bonds	02/01/1992	01/01/1999	5.00%	955,000	3
1992 Mortgage Revenue Bonds	11/01/1992	01/01/2008	6.00%	1,920,000	4
1992-C Refunding Bonds	11/01/1992	01/01/2005	6.00%	2,425,000	5
1995 Mortgage Revenue Bonds	08/01/1995	01/01/2010	5.00%	2,230,000	6
		Total Bonds (Account 221):		**11,280,000**	
Total Reacquired Bonds (Account 222)				0	7
		Net amount of bonds outstanding December 31:		**11,280,000**	

NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT

1. Report each class of debt included in Accounts 223, 224 and 231.
2. Proceeds of general obligation issues, if subject to repayment by the utility, should be included in Account 223.
3. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)	
Notes Payable (231)					
Loan from city	10/31/1997	04/02/1998	6.00%	500,000	**1**
Loan from City	07/31/1997	04/02/1998	6.00%	500,000	**2**
Total for Account 231				**1,000,000**	

TAXES ACCRUED (ACCT. 236)

Particulars (a)	Amount (b)	
Balance first of year	0	1
Accruals:		
Charged water department expense	2,227,170	2
Charged electric department expense		3
Charged sewer department expense	56,839	4
Other (explain):		
Deduction for Property Outside School District	45,971	5
Taxes Capitalized	36,853	6
Total Accruals and other credits	**2,366,833**	
Taxes paid during year:		
County, state and local taxes	2,077,440	7
Social Security taxes	271,571	8
PSC Remainder Assessment	17,822	9
Other (explain):		
NONE		10
Total payments and other debits	**2,366,833**	
Balance end of year	**0**	

INTEREST ACCRUED (ACCT. 237)

1. Report below interest accrued on each utility obligation.
2. Report Customer Deposits under Account 231.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
Bonds (221)					
1978 Revenue Bonds	11,700	0	11,700	**0**	**1**
1982 Revenue Bonds	47,807	0	47,807	**0**	**2**
1987 Revenue Bonds	104,156	193,013	200,663	**96,506**	**3**
1989 Revenue Bonds	74,744	144,500	146,994	**72,250**	**4**
1991 Revenue Bonds	65,975	126,150	129,050	**63,075**	**5**
1992-A Refunding Bonds	36,574	89,545	81,346	**44,773**	**6**
1992-B Revenue Bonds	61,894	116,662	120,225	**58,331**	**7**
1995 Revenue Bonds	60,710	116,350	118,885	**58,175**	**8**
Subtotal	**463,560**	**786,220**	**856,670**	**393,110**	
Advances from Municipality (223)					
NONE				**0**	**9**
Subtotal	**0**	**0**	**0**	**0**	
Other Long-Term Debt (224)					
NONE				**0**	**10**
Subtotal	**0**	**0**	**0**	**0**	
Notes Payable (231)					
Loan from City		16,170		**16,170**	**11**
Subtotal	**0**	**16,170**	**0**	**16,170**	
Total	**463,560**	**802,390**	**856,670**	**409,280**	

CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)

Particulars (a)	Water (b)	Electric Distribution (c)	Electric Other (d)	Sewer (e)	Gas (f)	Total (g)	
Balance First of Year	40,203,596					**40,203,596**	**1**
Add credits during year:							
For Services	665,375					**665,375**	**2**
For Mains	606,757					**606,757**	**3**
Other (specify):							
Governmental	25,163					**25,163**	**4**
Deduct charges (specify):							
NONE						**0**	**5**
Balance End of Year	**41,500,891**	**0**	**0**	**0**	**0**	**41,500,891**	
Amount of federal and state grants in aid received for utility construction included in End of Year totals						**0**	**6**

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Investment in Municipality (123):		
NONE		1
Total (Acct. 123):	**0**	
Other Investments (124):		
Water Main Assessments	742,671	2
T.I.F. District - Wilson Street	450,000	3
Total (Acct. 124):	**1,192,671**	
Sinking Funds (125):		
Waterworks Bond Redemption	2,208,110	4
PILOT	1,633,700	5
Total (Acct. 125):	**3,841,810**	
Depreciation Fund (126):		
Depreciation Fund	940,855	6
Total (Acct. 126):	**940,855**	
Other Special Funds (128):		
Operation & Maintenance Reserve	150,000	7
Special Redemption Reserve	2,606,010	8
Invested Funds - Interest Earned	549,398	9
Total (Acct. 128):	**3,305,408**	
Interest Special Deposits (132):		
NONE		10
Total (Acct. 132):	**0**	
Other Special Deposits (134):		
NONE		11
Total (Acct. 134):	**0**	
Notes Receivable (141):		
NONE		12
Total (Acct. 141):	**0**	
Customer Accounts Receivable (142):		
Water	1,336,056	13
Electric		14
Sewer (Regulated)		15
Other (specify):		
NONE		16
Total (Acct. 142):	**1,336,056**	
Other Accounts Receivable (143):		
Sewer (Non-regulated)	1,860,997	17

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Other Accounts Receivable (143):		
Merchandising, jobbing and contract work	327	**18**
Other (specify):		
Developers, Contractors, Plumbers	47,895	**19**
Due from Other Municipalities	29,857	**20**
Damage Claims	21,337	**21**
Drum Deposits	11,517	**22**
Other	5,786	**23**
Total (Acct. 143):	**1,977,716**	
Receivables from Municipality (145):		
Tax Roll Items	530,149	**24**
Due from Sewer Utility	431,787	**25**
Water Mains & Services	199,857	**26**
Other	10,574	**27**
Total (Acct. 145):	**1,172,367**	
Prepayments (165):		
Prepaid PSC remainder Assessment	19,605	**28**
Total (Acct. 165):	**19,605**	
Extraordinary Property Losses (182):		
NONE		**29**
Total (Acct. 182):	**0**	
Preliminary Survey and Investigation Charges (183):		
NONE		**30**
Total (Acct. 183):	**0**	
Clearing Accounts (184):		
NONE		**31**
Total (Acct. 184):	**0**	
Temporary Facilities (185):		
NONE		**32**
Total (Acct. 185):	**0**	
Miscellaneous Deferred Debits (186):		
NONE		**33**
Total (Acct. 186):	**0**	
Payables to Municipality (233):		
Payment in Lieu of Taxes	2,031,469	**34**
Payroll and Benefits	892,574	**35**
City Services	317,020	**36**

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Payables to Municipality (233):		
City Engineering - Water Main Contracts	53,111	**37**
Due Sewer Utility	1,901,108	**38**
Total (Acct. 233):	**5,195,282**	
Other Deferred Credits (253):		
Accrued Sick Leave Liability	809,375	**39**
Total (Acct. 253):	**809,375**	

RETURN ON RATE BASE COMPUTATION

1. The data used in calculating rate base are averages.
2. Calculate those averages by summing the first-of-year and the end-of-year figures for each account and then dividing the sum by two.
3. Note: Do not include property held for future use or construction work in progress with utility plant in service. These are not rate base components.

Average Rate Base (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Add Average:						
Utility Plant in Service	88,058,004	0	0	0	**88,058,004**	**1**
Materials and Supplies	437,554	0	0	0	**437,554**	**2**
Other (specify):						
Working Capital	2,112,554				**2,112,554**	**3**
Less Average:						
Reserve for Depreciation	20,351,225	0	0	0	**20,351,225**	**4**
Customer Advances for Construction					**0**	**5**
Contributions in Aid of Construction	40,852,243	0	0	0	**40,852,243**	**6**
Other (specify):						
NONE					**0**	**7**
Average Net Rate Base	**29,404,644**	**0**	**0**	**0**	**29,404,644**	
Net Operating Income	1,424,259	0	0	0	**1,424,259**	**8**
Net Operating Income as a percent of Average Net Rate Base	**4.84%**	**N/A**	**N/A**	**N/A**	**4.84%**	

RETURN ON PROPRIETARY CAPITAL COMPUTATION

1. The data used in calculating proprietary capital are averages.
2. Calculate those averages by summing the first-of-year and end-of-year figures for each account and then dividing by two.

Description (a)	Amount (b)	
Average Proprietary Capital		
Capital Paid in by Municipality	1,994,215	**1**
Appropriated Earned Surplus	0	**2**
Unappropriated Earned Surplus	22,697,223	**3**
Other (Specify):		
NONE		**4**
Total Average Proprietary Capital	**24,691,438**	
Net Income		
Net Income	1,022,966	**5**
Percent Return on Proprietary Capital	**4.14%**	

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

1. Acquisitions.

2. Leaseholder changes.

3. Extensions of service.

4. Estimated changes in revenues due to rate changes.

5. Obligations incurred or assumed, excluding commercial paper.

$1,000,000.00 was borrowed from the City - $500,000.00 on July 31, 1997 and $500,000.00 on October 31, 1997.

6. Formal proceedings with the Public Service Commission.

7. Any additional matters.

FINANCIAL SECTION FOOTNOTES

Balance Sheet (Page F-06)

The increase in Other Accounts Receivable(143) and Payables to Municipality(233) is due to including the Jan 1, 1998 sewer billing of $1,335,641 in these accounts. This had not been done in 1996.

Identification and Ownership (Page iv)

Review completed 7/29/98 by RL. No letter necessary.

WATER OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Water		
Sales of Water (460-467)	12,007,446	**1**
Total Sales of Water	**12,007,446**	
Other Operating Revenues		
Forfeited Discounts (470)	104,254	**2**
Miscellaneous Service Revenues (471)	30,144	**3**
Rents from Water Property (472)	0	**4**
Interdepartmental Rents (473)	0	**5**
Other Water Revenues (474)	122,886	**6**
Amortization of Construction Grants (475)	0	**7**
Total Other Operating Revenues	**257,284**	
Total Operating Revenues	**12,264,730**	
Operation and Maintenenance Expenses		
Source of Supply Expense (600-617)	40,376	**8**
Pumping Expenses (620-633)	2,091,980	**9**
Water Treatment Expenses (640-652)	446,403	**10**
Transmission and Distribution Expenses (660-678)	2,200,958	**11**
Customer Accounts Expenses (901-905)	255,664	**12**
Sales Expenses (910)	0	**13**
Administrative and General Expenses (920-932)	1,896,288	**14**
Total Operation and Maintenenance Expenses	**6,931,669**	
Other Operating Expenses		
Depreciation Expense (403)	1,681,632	**15**
Amortization Expense (404-407)		**16**
Taxes (408)	2,227,170	**17**
Total Other Operating Expenses	**3,908,802**	
Total Operating Expenses	**10,840,471**	
NET OPERATING INCOME	**1,424,259**	

WATER OPERATING REVENUES - SALES OF WATER

1. Where customer meters record cubic feet, multiply by 7.48 to obtain number of gallons.
2. Report estimated gallons for unmetered sales.
3. Sales to multiple dwelling buildings through a single meter serving 3 or more family units should be classified commercial.
4. Bulk sales should be account 460.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
Operating Revenues				
Sales of Water				
Unmetered Sales to General Customers (460)				
Residential				1
Commercial	218	22,763	23,338	2
Industrial				3
Total Unmetered Sales to General Customers (460)	**218**	**22,763**	**23,338**	
Metered Sales to General Customers (461)				
Residential	46,619	3,220,781	4,718,438	4
Commercial	7,922	3,922,900	3,570,680	5
Industrial	69	1,139,342	767,316	6
Total Metered Sales to General Customers (461)	**54,610**	**8,283,023**	**9,056,434**	
Private Fire Protection Service (462)	974		100,793	7
Public Fire Protection Service (463)	5		1,311,970	8
Other Sales to Public Authorities (464)	479	1,908,002	1,361,898	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)	4	191,705	153,013	11
Interdepartmental Sales (467)				12
Total Sales of Water	**56,290**	**10,405,493**	**12,007,446**	

SALES FOR RESALE (ACCT. 466)

Use a separate line for each delivery point.

Customer Name (a)	Point of Delivery (b)	Thousands of Gallons Sold (c)	Revenues (d)	
Fitchburg Utility District No 1	1 Meter Pit	1,453	1,817	1
Village of Maple Bluff	4 Meter Pits	60,507	50,095	2
Village of Shorewood Hills	4 Meter Pits	69,434	54,382	3
Waunona Sanitary District No. 2	2 Meter Pits	60,311	46,719	4
Total		**191,705**	**153,013**	

OTHER OPERATING REVENUES (WATER)

1. Report revenues relating to each account and fully describe each item using other than the account title.
2. Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.
3. For a combined utility which also provides sewer service that is based upon water readings, report the return on net investment in meters charged to sewer department in Other Water Revenues (474).

Particulars (a)	Amount (b)	
Public Fire Protection Service (463):		
Amount billed (usually per rate schedule F-1)	1,280,980	1
Wholesale fire protection billed		2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)	30,990	3
Other (specify):		
NONE		4
Total Public Fire Protection Service (463)	**1,311,970**	
Forfeited Discounts (470):		
Customer late payment charges	104,254	5
Other (specify):		
NONE		6
Total Forfeited Discounts (470)	**104,254**	
Miscellaneous Service Revenues (471):		
Water used for construction	29,631	7
Miscellaneous water revenue	513	8
Total Miscellaneous Service Revenues (471)	**30,144**	
Rents from Water Property (472):		
NONE		9
Total Rents from Water Property (472)	**0**	
Interdepartmental Rents (473):		
NONE		10
Total Interdepartmental Rents (473)	**0**	
Other Water Revenues (474):		
Return on net investment in meters charged to sewer department	122,886	11
Other (specify):		
NONE		12
Total Other Water Revenues (474)	**122,886**	
Amortization of Construction Grants (475):		
NONE		13
Total Amortization of Construction Grants (475)	**0**	

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than $10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
SOURCE OF SUPPLY EXPENSES		
Operation Supervision and Engineering (600)		1
Operation Labor and Expenses (601)		2
Purchased Water (602)		3
Miscellaneous Expenses (603)		4
Rents (604)		5
Maintenance Supervision and Engineering (610)	11,169	6
Maintenance of Structures and Improvements (611)		7
Maintenance of Collecting and Impounding Reservoirs (612)	13,341	8
Maintenance of Lake, River and Other Intakes (613)		9
Maintenance of Wells and Springs (614)	15,866	10
Maintenance of Infiltration Galleries and Tunnels (615)		11
Maintenance of Supply Mains (616)		12
Maintenance of Miscellaneous Water Source Plant (617)		13
Total Source of Supply Expenses	**40,376**	
PUMPING EXPENSES		
Operation Supervision and Engineering (620)	73,380	14
Fuel for Power Production (621)		15
Power Production Labor and Expenses (622)		16
Fuel or Power Purchased for Pumping (623)	1,141,272	17
Pumping Labor and Expenses (624)	253,102	18
Expenses Transferred--Credit (625)		19
Miscellaneous Expenses (626)	331,732	20
Rents (627)		21
Maintenance Supervision and Engineering (630)	43,142	22
Maintenance of Structures and Improvements (631)	54,654	23
Maintenance of Power Production Equipment (632)		24
Maintenance of Pumping Equipment (633)	194,698	25
Total Pumping Expenses	**2,091,980**	
WATER TREATMENT EXPENSES		
Operation Supervision and Engineering (640)	50,929	26
Chemicals (641)	78,178	27

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than $10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
WATER TREATMENT EXPENSES		
Operation Labor and Expenses (642)	287,801	**28**
Miscellaneous Expenses (643)	4,012	**29**
Rents (644)		**30**
Maintenance Supervision and Engineering (650)	7,269	**31**
Maintenance of Structures and Improvements (651)		**32**
Maintenance of Water Treatment Equipment (652)	18,214	**33**
Total Water Treatment Expenses	**446,403**	
TRANSMISSION AND DISTRIBUTION EXPENSES		
Operation Supervision and Engineering (660)	97,548	**34**
Storage Facilities Expenses (661)	61,254	**35**
Transmission and Distribution Lines Expenses (662)	55,122	**36**
Meter Expenses (663)	131,986	**37**
Customer Installations Expenses (664)	102,844	**38**
Miscellaneous Expenses (665)	320,962	**39**
Rents (666)		**40**
Maintenance Supervision and Engineering (670)		**41**
Maintenance of Structures and Improvements (671)		**42**
Maintenance of Distribution Reservoirs and Standpipes (672)	3,384	**43**
Maintenance of Transmission and Distribution Mains (673)	666,626	**44**
Maintenance of Fire Mains (674)		**45**
Maintenance of Services (675)	403,886	**46**
Maintenance of Meters (676)	112,101	**47**
Maintenance of Hydrants (677)	245,245	**48**
Maintenance of Miscellaneous Plant (678)		**49**
Total Transmission and Distribution Expenses	**2,200,958**	
CUSTOMER ACCOUNTS EXPENSES		
Supervision (901)	12,643	**50**
Meter Reading Labor (902)	90,604	**51**
Customer Records and Collection Expenses (903)	152,417	**52**
Uncollectible Accounts (904)		**53**

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than $10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
CUSTOMER ACCOUNTS EXPENSES		
Miscellaneous Customer Accounts Expenses (905)		**54**
Total Customer Accounts Expenses	**255,664**	
SALES EXPENSES		
Sales Expenses (910)		**55**
Total Sales Expenses	**0**	
ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	662,010	**56**
Office Supplies and Expenses (921)	112,726	**57**
Administrative Expenses Transferred--Credit (922)		**58**
Outside Services Employed (923)	20,219	**59**
Property Insurance (924)	17,110	**60**
Injuries and Damages (925)	150,243	**61**
Employee Pensions and Benefits (926)	879,672	**62**
Regulatory Commission Expenses (928)	317	**63**
Duplicate Charges--Credit (929)		**64**
Miscellaneous General Expenses (930)	51,291	**65**
Rents (931)		**66**
Maintenance of General Plant (932)	2,700	**67**
Total Administrative and General Expenses	**1,896,288**	
Total Operation and Maintenance Expenses	**6,931,669**	

TAXES (ACCT. 408 - WATER)

When allocation of taxes is made between departments, explain method used.

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
Property Tax Equivalent		2,077,440	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		56,839	2
Net property tax equivalent		**2,020,601**	
Social Security		271,571	3
PSC Remainder Assessment		17,822	4
Other (specify): Deduction for School Dist Tax - Property in City, but outside School Dist-UW #26		(45,971)	5
Taxes Capitalized		(36,853)	6
Total tax expense		**2,227,170**	

PROPERTY TAX EQUIVALENT (WATER)

1. No property tax equivalent shall be determined for sewer utilities or town sanitary district water utilities.
2. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
3. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
4. The utility plant balance first of year should include the gross book values of plant in service, property held for future use and construction work in progress.
5. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
6. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.069(1)(c). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Dane				1
SUMMARY OF TAX RATES							2
State tax rate	mills		0.203100				3
County tax rate	mills		3.456300				4
Local tax rate	mills		9.410000				5
School tax rate	mills		15.360600				6
Voc. school tax rate	mills		1.509300				7
Other tax rate - Local	mills						8
Other tax rate - Non-Local	mills						9
Total tax rate	mills		**29.939300**				10
Less: state credit	mills		2.524200				11
Net tax rate	mills		**27.415100**				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		**9.410000**				14
Combined School Tax Rate	mills		**16.869900**				15
Other Tax Rate - Local	mills						16
Total Local & School Tax	mills		**26.279900**				17
Total Tax Rate	mills		**29.939300**				18
Ratio of Local and School Tax to Total	dec.		**0.877773**				19
Total tax net of state credit	mills		**27.415100**				20
Net Local and School Tax Rate	mills		**24.064226**				21
Utility Plant, Jan. 1	$	**88,554,660**	88,554,660				22
Materials & Supplies	$	**415,190**	415,190				23
Subtotal	$	**88,969,850**	**88,969,850**				24
Less: Plant Outside Limits	$	**1,844,358**	1,844,358				25
Taxable Assets	$	**87,125,492**	**87,125,492**				26
Assessment Ratio	dec.		0.986202				27
Assessed Value	$	**85,923,334**	**85,923,334**				28
Net Local & School Rate	mills		**24.064226**				29
Tax Equiv. Computed for Current Year	$	**2,067,679**	**2,067,679**				30
Tax Equivalent per 1994 PSC Report	$	2,077,440					31
Any lower tax equivalent as authorized by municipality (see note 6)	$						32 33
Tax equiv. for current year (see note 6)	$	**2,077,440**					34

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over $100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
INTANGIBLE PLANT			
Organization (301)			1
Franchises and Consents (302)			2
Miscellaneous Intangible Plant (303)			3
Total Intangible Plant	**0**	**0**	
SOURCE OF SUPPLY PLANT			
Land and Land Rights (310)	335,404	5,466	4
Structures and Improvements (311)			5
Collecting and Impounding Reservoirs (312)	3,925,533		6
Lake, River and Other Intakes (313)			7
Wells and Springs (314)	1,742,594		8
Infiltration Galleries and Tunnels (315)			9
Supply Mains (316)			10
Other Water Source Plant (317)			11
Total Source of Supply Plant	**6,003,531**	**5,466**	
PUMPING PLANT			
Land and Land Rights (320)	414		12
Structures and Improvements (321)	2,324,041	13,717	13
Boiler Plant Equipment (322)			14
Other Power Production Equipment (323)			15
Steam Pumping Equipment (324)			16
Electric Pumping Equipment (325)	2,597,415	37,702	17
Diesel Pumping Equipment (326)			18
Hydraulic Pumping Equipment (327)			19
Other Pumping Equipment (328)	15,559		20
Total Pumping Plant	**4,937,429**	**51,419**	
WATER TREATMENT PLANT			
Land and Land Rights (330)			21
Structures and Improvements (331)			22
Water Treatment Equipment (332)	107,538		23
Total Water Treatment Plant	**107,538**	**0**	
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)	77,917		24
Structures and Improvements (341)			25

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
INTANGIBLE PLANT				
Organization (301)			**0**	**1**
Franchises and Consents (302)			**0**	**2**
Miscellaneous Intangible Plant (303)			**0**	**3**
Total Intangible Plant	**0**	**0**	**0**	
SOURCE OF SUPPLY PLANT				
Land and Land Rights (310)	6,873		**333,997**	**4**
Structures and Improvements (311)			**0**	**5**
Collecting and Impounding Reservoirs (312)	7,058		**3,918,475**	**6**
Lake, River and Other Intakes (313)			**0**	**7**
Wells and Springs (314)	28,653		**1,713,941**	**8**
Infiltration Galleries and Tunnels (315)			**0**	**9**
Supply Mains (316)			**0**	**10**
Other Water Source Plant (317)			**0**	**11**
Total Source of Supply Plant	**42,584**	**0**	**5,966,413**	
PUMPING PLANT				
Land and Land Rights (320)			**414**	**12**
Structures and Improvements (321)	14,018		**2,323,740**	**13**
Boiler Plant Equipment (322)			**0**	**14**
Other Power Production Equipment (323)			**0**	**15**
Steam Pumping Equipment (324)			**0**	**16**
Electric Pumping Equipment (325)	37,968		**2,597,149**	**17**
Diesel Pumping Equipment (326)			**0**	**18**
Hydraulic Pumping Equipment (327)			**0**	**19**
Other Pumping Equipment (328)			**15,559**	**20**
Total Pumping Plant	**51,986**	**0**	**4,936,862**	
WATER TREATMENT PLANT				
Land and Land Rights (330)			**0**	**21**
Structures and Improvements (331)			**0**	**22**
Water Treatment Equipment (332)	2,105		**105,433**	**23**
Total Water Treatment Plant	**2,105**	**0**	**105,433**	
TRANSMISSION AND DISTRIBUTION PLANT				
Land and Land Rights (340)			**77,917**	**24**
Structures and Improvements (341)			**0**	**25**

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over $100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
TRANSMISSION AND DISTRIBUTION PLANT			
Distribution Reservoirs and Standpipes (342)	1,851,792		26
Transmission and Distribution Mains (343)	43,451,273	1,190,218	27
Fire Mains (344)			28
Services (345)	13,155,994	1,187,729	29
Meters (346)	4,232,451	196,296	30
Hydrants (348)	4,991,930	126,455	31
Other Transmission and Distribution Plant (349)			32
Total Transmission and Distribution Plant	**67,761,357**	**2,700,698**	
GENERAL PLANT			
Land and Land Rights (389)	363,140		33
Structures and Improvements (390)	2,867,548	15,692	34
Office Furniture and Equipment (391)	64,752	7,667	35
Computer Equipment (391.1)	1,453,515	280,314	36
Transportation Equipment (392)	1,390,680	203,785	37
Stores Equipment (393)	47,255		38
Tools, Shop and Garage Equipment (394)	363,945	43,591	39
Laboratory Equipment (395)	9,200		40
Power Operated Equipment (396)	785,569	166,164	41
Communication Equipment (397)	149,859		42
SCADA Equipment (397.1)	287,127		43
Miscellaneous Equipment (398)			44
Other Tangible Property (399)			45
Total General Plant	**7,782,590**	**717,213**	
Total utility plant in service directly assignable	**86,592,445**	**3,474,796**	
Common Utility Plant Allocated to Water Department			46
Total utility plant in service	**86,592,445**	**3,474,796**	

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
TRANSMISSION AND DISTRIBUTION PLANT				
Distribution Reservoirs and Standpipes (342)			**1,851,792**	**26**
Transmission and Distribution Mains (343)	7,042		**44,634,449**	**27**
Fire Mains (344)			**0**	**28**
Services (345)	40,883		**14,302,840**	**29**
Meters (346)	44,550		**4,384,197**	**30**
Hydrants (348)	7,137		**5,111,248**	**31**
Other Transmission and Distribution Plant (349)			**0**	**32**
Total Transmission and Distribution Plant	**99,612**	**0**	**70,362,443**	
GENERAL PLANT				
Land and Land Rights (389)			**363,140**	**33**
Structures and Improvements (390)	2,500		**2,880,740**	**34**
Office Furniture and Equipment (391)	1,595		**70,824**	**35**
Computer Equipment (391.1)	60,825		**1,673,004**	**36**
Transportation Equipment (392)	108,406		**1,486,059**	**37**
Stores Equipment (393)			**47,255**	**38**
Tools, Shop and Garage Equipment (394)	14,520		**393,016**	**39**
Laboratory Equipment (395)			**9,200**	**40**
Power Operated Equipment (396)	159,544		**792,189**	**41**
Communication Equipment (397)			**149,859**	**42**
SCADA Equipment (397.1)			**287,127**	**43**
Miscellaneous Equipment (398)			**0**	**44**
Other Tangible Property (399)			**0**	**45**
Total General Plant	**347,390**	**0**	**8,152,413**	
Total utility plant in service directly assignable	**543,677**	**0**	**89,523,564**	
Common Utility Plant Allocated to Water Department			**0**	**46**
Total utility plant in service	**543,677**	**0**	**89,523,564**	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
SOURCE OF SUPPLY PLANT				
Structures and Improvements (311)				1
Collecting and Impounding Reservoirs (312)	1,474,734	2.33%	91,383	2
Lake, River and Other Intakes (313)				3
Wells and Springs (314)	770,058	2.44%	42,170	4
Infiltration Galleries and Tunnels (315)				5
Supply Mains (316)				6
Other Water Source Plant (317)				7
Total Source of Supply Plant	**2,244,792**		**133,553**	
PUMPING PLANT				
Structures and Improvements (321)	1,042,766	2.22%	51,590	8
Boiler Plant Equipment (322)				9
Other Power Production Equipment (323)				10
Steam Pumping Equipment (324)				11
Electric Pumping Equipment (325)	1,850,513	4.78%	124,150	12
Diesel Pumping Equipment (326)				13
Hydraulic Pumping Equipment (327)				14
Other Pumping Equipment (328)	15,559	3.85%	0	15
Total Pumping Plant	**2,908,838**		**175,740**	
WATER TREATMENT PLANT				
Structures and Improvements (331)				16
Water Treatment Equipment (332)	39,341	4.55%	4,845	17
Total Water Treatment Plant	**39,341**		**4,845**	
TRANSMISSION AND DISTRIBUTION PLANT				
Structures and Improvements (341)				18
Distribution Reservoirs and Standpipes (342)	622,150	1.89%	34,999	19
Transmission and Distribution Mains (343)	5,360,770	1.05%	462,450	20
Fire Mains (344)				21
Services (345)	2,977,529	2.50%	343,235	22
Meters (346)	1,260,139	3.52%	151,485	23
Hydrants (348)	965,298	1.40%	70,722	24
Other Transmission and Distribution Plant (349)				25
Total Transmission and Distribution Plant	**11,185,886**		**1,062,891**	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
311					**0**	**1**
312	7,058				**1,559,059**	**2**
313					**0**	**3**
314	28,653	13,446			**770,129**	**4**
315					**0**	**5**
316					**0**	**6**
317					**0**	**7**
	35,711	**13,446**	**0**	**0**	**2,329,188**	
321	14,018				**1,080,338**	**8**
322					**0**	**9**
323					**0**	**10**
324					**0**	**11**
325	37,968	13,192			**1,923,503**	**12**
326					**0**	**13**
327					**0**	**14**
328					**15,559**	**15**
	51,986	**13,192**	**0**	**0**	**3,019,400**	
331					**0**	**16**
332	2,105				**42,081**	**17**
	2,105	**0**	**0**	**0**	**42,081**	
341					**0**	**18**
342					**657,149**	**19**
343	7,042	52,059	429		**5,764,548**	**20**
344					**0**	**21**
345	40,883	67,383	1,411		**3,213,909**	**22**
346	44,550		8,342		**1,375,416**	**23**
348	7,137	4,966	2,995		**1,026,912**	**24**
349					**0**	**25**
	99,612	**124,408**	**13,177**	**0**	**12,037,934**	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
GENERAL PLANT				
Structures and Improvements (390)	1,263,992	4.00%	114,966	**26**
Office Furniture and Equipment (391)	24,955	4.75%	3,220	**27**
Computer Equipment (391.1)	604,467	14.29%	223,390	**28**
Transportation Equipment (392)	665,072		98,352	**29**
Stores Equipment (393)	18,711	3.57%	1,687	**30**
Tools, Shop and Garage Equipment (394)	198,278	6.00%	22,709	**31**
Laboratory Equipment (395)	6,316	5.56%	512	**32**
Power Operated Equipment (396)	354,965		57,636	**33**
Communication Equipment (397)	53,023	9.09%	13,622	**34**
SCADA Equipment (397.1)	107,910	8.58%	24,635	**35**
Miscellaneous Equipment (398)				**36**
Other Tangible Property (399)				**37**
Total General Plant	**3,297,689**		**560,729**	
Total accum. prov. directly assignable	**19,676,546**		**1,937,758**	
Common Utility Plant Allocated to Water Department				**38**
Total accum. prov. for depreciation	**19,676,546**		**1,937,758**	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
390	2,500	1,191			**1,375,267**	**26**
391	1,595		351		**26,931**	**27**
391.1	60,825				**767,032**	**28**
392	108,406		20,914		**675,932**	**29**
393					**20,398**	**30**
394	14,520		2,874		**209,341**	**31**
395					**6,828**	**32**
396	159,544		63,325		**316,382**	**33**
397					**66,645**	**34**
397.1					**132,545**	**35**
398					**0**	**36**
399					**0**	**37**
	347,390	**1,191**	**87,464**	**0**	**3,597,301**	
	536,804	**152,237**	**100,641**	**0**	**21,025,904**	
					0	**38**
	536,804	**152,237**	**100,641**	**0**	**21,025,904**	

SOURCE OF SUPPLY, PUMPING AND PURCHASED WATER STATISTICS

Month (a)	Sources of Water Supply: Purchased Water Gallons (000's) (b)	Surface Water Gallons (000's) (c)	Ground Water Gallons (000's) (d)	Total Gallons All Methods (000's) (e)	
January			894,162	**894,162**	1
February			809,057	**809,057**	2
March			877,041	**877,041**	3
April			902,992	**902,992**	4
May			970,526	**970,526**	5
June			1,055,519	**1,055,519**	6
July			1,086,568	**1,086,568**	7
August			1,046,170	**1,046,170**	8
September			1,045,373	**1,045,373**	9
October			1,050,753	**1,050,753**	10
November			890,507	**890,507**	11
December			897,044	**897,044**	12
Total for year	**0**	**0**	**11,525,712**	**11,525,712**	

Less: Measured or estimated water used in main flushing and water treatment during year	111,542	13
Less: Other utility use		14
Other utility use explanation:		15
Water pumped into distribution system	**11,414,170**	16
Less: Water sold	10,405,493	17
Losses and unaccounted for	**1,008,677**	18
Percent unaccounted for to the nearest whole percent (%)	**9%**	19
If more than 15%, indicate causes and state what action has been taken to reduce water loss:		20
Maximum gallons pumped by all methods in any one day during reporting year	43,187,000	21
Date of maximum: 9/17/1997		22
Cause of maximum: Sprinkling & Air Conditioning		23
Minimum gallons pumped by all methods in any one day during reporting year	21,924,000	24
Date of minimum: 12/25/1997		25
Total KWH used for pumping for the year	22,585,724	26
If water is purchased:Vendor Name:		27
Point of Delivery:		28

SOURCES OF WATER SUPPLY - GROUND WATERS

Location (a)	Identification Number (b)	Depth in feet (c)	Well Diameter in inches (d)	Yield Per Day in gallons (e)	Currently In Service? (f)	
212 N FIRST ST	03	753	15	2,660,000	Yes	1
1520 MOORLAND RD	05	828	12	1,870,000	Yes	2
2757 UNIVERSITY AVE	06	750	22	3,710,000	Yes	3
1709 N SHERMAN AVE	07	737	16	2,990,000	Yes	4
3206 LAKELAND AVE	08	774	16	2,380,000	Yes	5
4724 SPAANEM AVE	09	843	16	2,020,000	Yes	6
4251 MOHAWK DR	10	1,000	16	2,880,000	Yes	7
102 DEMPSEY RD	11	756	22	2,380,000	Yes	8
801 S WHITNEY WAY	12	986	22	3,640,000	Yes	9
1201 WHEELER RD	13	780	22	2,950,000	Yes	10
5130 UNIVERSITY AVE	14	715	22	3,420,000	Yes	11
3900 E WASHINGTON AVE	15	753	22	3,170,000	Yes	12
6706 MINERAL POINT RD	16	1,004	22	3,460,000	Yes	13
201 S HANCOCK ST	17	800	23	3,560,000	Yes	14
1925 S PARK ST	18	808	29	3,170,000	Yes	15
1525 LAKE MENDOTA DR	19	718	29	3,170,000	Yes	16
2829 PRAIRIE RD	20	1,009	29	3,170,000	Yes	17
1109 PFLAUM RD	22	457	16	790,000	Yes	18
4502 LEO DR	23	500	12	1,700,000	Yes	19
101 N LIVINGSTON ST	24	733	29	3,020,000	Yes	20
5415 QUEENSBRIDGE RD	25	830	29	3,170,000	Yes	21
910 HIGH POINT RD	26	1,175	29	3,170,000	Yes	22
18 N RANDALL AVE	27	744	29	3,170,000	Yes	23
BLOOMING GROVE SAN DIST	SD #8	605	10	187,000	Yes	24

SOURCES OF WATER SUPPLY - SURFACE WATERS

Location (a)	Intakes				
	Identification Number (b)	Distance From Shore in feet (c)	Depth Below Surface in feet (d)	Diameter in inches (e)	
NONE					1

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	030-25484	031-DC515233	050-87150L	1
Location	UNIT WELL 3	UNIT WELL 3	UNIT WELL 5	2
Purpose	P	B	P	3
Destination	R	D	R	4
Pump Manufacturer	L-NW	C-D	L-BOW	5
Year Installed	1968	1982	1979	6
Type	VERTICAL TURBINE	CENTRIFUGAL	VERTICAL TURBINE	7
Actual Capacity (gpm)	1,700	1,800	1,120	8
Pump Motor or				9
Standby Engine Mfr	U.S.	F-M	G.E.	10
Year Installed	1968	1955	1976	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	150	125	100	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	051-DGA 3A2	060-C-22554	061-39692	14
Location	UNIT WELL 5	UNIT WELL 6	UNIT WELL 6	15
Purpose	B	P	B	16
Destination	D	R	D	17
Pump Manufacturer	F-M	L-BOW	F-M	18
Year Installed	1966	1984	1956	19
Type	CENTRIFUGAL	VERTICAL TURBINE	CENTRIFUGAL	20
Actual Capacity (gpm)	872	2,300	2,100	21
Pump Motor or				22
Standby Engine Mfr	L.A.	U.S.	F-M	23
Year Installed	1966	1956	1956	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	100	200	150	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	070-24980	071-410469	080-59731A	1
Location	UNIT WELL 7	UNIT WELL 7	UNIT WELL 8	2
Purpose	P	B	P	3
Destination	R	D	R	4
Pump Manufacturer	L-NW	F-M	L-BOW	5
Year Installed	1952	1942	1980	6
Type	VERTICAL TURBINE	CENTRIFUGAL	VERTICAL TURBINE	7
Actual Capacity (gpm)	2,320	1,452	1,700	8
Pump Motor or				9
Standby Engine Mfr	U.S.	F-M	G.E.	10
Year Installed	1955	1955	1980	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	200	150	125	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	081-603866	090-2626067	091-80187	14
Location	UNIT WELL 8	UNIT WELL 9	UNIT WELL 9	15
Purpose	B	P	B	16
Destination	D	R	D	17
Pump Manufacturer	F-M	PEER	A.W.W.	18
Year Installed	1948	1995	1956	19
Type	CENTRIFUGAL	VERTICAL TURBINE	CENTRIFUGAL	20
Actual Capacity (gpm)	1,303	1,750	2,000	21
Pump Motor or				22
Standby Engine Mfr	F-M	G.E.	U.S.	23
Year Installed	1948	1952	1956	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	150	150	100	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	100-34886A	101-120950	110-	1
Location	UNIT WELL 10	UNIT WELL 10	UNIT WELL 11	2
Purpose	P	B	P	3
Destination	R	D	R	4
Pump Manufacturer	L-BOW	PEER	L-BOW	5
Year Installed	1979	1957	1980	6
Type	VERTICAL TURBINE	CENTRIFUGAL	VERTICAL TURBINE	7
Actual Capacity (gpm)	2,150	1,762	1,960	8
Pump Motor or				9
Standby Engine Mfr	G.E.	L.A.	A-C	10
Year Installed	1957	1957	1981	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	200	100	100	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	111-DC-516852	120-335827	121-65433	14
Location	UNIT WELL 11	UNIT WELL 12	UNIT WELL 12	15
Purpose	B	P	B	16
Destination	D	R	D	17
Pump Manufacturer	C-D	L-BOW	A-C	18
Year Installed	1984	1963	1959	19
Type	CENTRIFUGAL	VERTICAL TURBINE	CENTRIFUGAL	20
Actual Capacity (gpm)	2,100	2,350	2,025	21
Pump Motor or				22
Standby Engine Mfr	F-M	WEST	A-C	23
Year Installed	1958	1959	1959	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	150	250	150	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	130-7077	131-A-6-38549	140-96-09969	1
Location	UNIT WELL 13	UNIT WELL 13	UNIT WELL 14	2
Purpose	P	B	P	3
Destination	R	D	R	4
Pump Manufacturer	AMERICAN	C.H.W	L-NW	5
Year Installed	1990	1960	1996	6
Type	VERTICAL TURBINE	CENTRIFUGAL	VERTICAL TURBINE	7
Actual Capacity (gpm)	2,035	2,098	2,400	8
Pump Motor or				9
Standby Engine Mfr	WEST	E-D	U.S.	10
Year Installed	1959	1960	1980	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	250	200	50	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	141-SAG-43852	150-53920A	151-53921	14
Location	UNIT WELL 14	UNIT WELL 15	UNIT WELL 15	15
Purpose	B	P	B	16
Destination	D	R	D	17
Pump Manufacturer	C.H.W.	L-NW	L-NW	18
Year Installed	1962	1980	1966	19
Type	CENTRIFUGAL	VERTICAL TURBINE	CENTRIFUGAL	20
Actual Capacity (gpm)	1,801	2,200	2,472	21
Pump Motor or				22
Standby Engine Mfr	E-D	G.E.	G.E.	23
Year Installed	1962	1968	1966	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	150	125	160	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	160-58734	161-58735	162-58736	1
Location	UNIT WELL 16	UNIT WELL 16	UNIT WELL 16	2
Purpose	P	B	B	3
Destination	R	D	D	4
Pump Manufacturer	L-NW	L-NW	L-NW	5
Year Installed	1968	1968	1968	6
Type	VERTICAL TURBINE	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	2,250	1,650	2,150	8
Pump Motor or				9
Standby Engine Mfr	G.E.	G.E.	G.E.	10
Year Installed	1968	1968	1968	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	250	100	125	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	170-91330L	171-319294	172-319295	14
Location	UNIT WELL 17	UNIT WELL 17	UNIT WELL 17	15
Purpose	P	B	B	16
Destination	R	D	D	17
Pump Manufacturer	L-NW	PEER	PEER	18
Year Installed	1979	1968	1968	19
Type	VERTICAL TURBINE	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	2,050	1,250	2,175	21
Pump Motor or				22
Standby Engine Mfr	G.E.	L.A.	L.A.	23
Year Installed	1968	1968	1968	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	150	150	200	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	180-98-10089	181-83-2877	182-69-13369	1
Location	UNIT WELL 18	UNIT WELL 18	UNIT WELL 18	2
Purpose	P	B	B	3
Destination	R	D	D	4
Pump Manufacturer	L-BOW	A.P.	A.P.	5
Year Installed	1996	1984	1971	6
Type	VERTICAL TURBINE	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	2,200	1,800	2,050	8
Pump Motor or				9
Standby Engine Mfr	G.E.	REL.	REL.	10
Year Installed	1971	1971	1971	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	200	125	150	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	190-10588	191-731-07982-1-1	192-731-07982-3-1	14
Location	UNIT WELL 19	UNIT WELL 19	UNIT WELL 19	15
Purpose	P	B	B	16
Destination	R	D	D	17
Pump Manufacturer	AMERICAN	A-C	A-C	18
Year Installed	1993	1974	1974	19
Type	VERTICAL TURBINE	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	2,250	1,400	2,100	21
Pump Motor or				22
Standby Engine Mfr	U.S.	A-C	A-C	23
Year Installed	1974	1974	1974	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	150	125	150	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	193-731-07982-3-2	200-73923	201-76902	1
Location	UNIT WELL 19	UNIT WELL 20	UNIT WELL 20	2
Purpose	B	P	B	3
Destination	D	R	D	4
Pump Manufacturer	A-C	AMERICAN	A.W.W.	5
Year Installed	1974	1992	1976	6
Type	CENTRIFUGAL	VERTICAL TURBINE	CENTRIFUGAL	7
Actual Capacity (gpm)	2,100	200	1,200	8
Pump Motor or				9
Standby Engine Mfr	A-C	G.E.	F-M	10
Year Installed	1974	1973	1976	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	150	300	50	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	220-36193	230-385340	231-40171	14
Location	UNIT WELL 22	UNIT WELL 23	UNIT WELL 23	15
Purpose	P	P	B	16
Destination	D	R	D	17
Pump Manufacturer	L-NW	L-BOW	L-NW	18
Year Installed	1962	1977	1962	19
Type	VERTICAL TURBINE	VERTICAL TURBINE	CENTRIFUGAL	20
Actual Capacity (gpm)	550	1,200	1,050	21
Pump Motor or				22
Standby Engine Mfr	A-C	U.S.	U.S.	23
Year Installed	1962	1977	1962	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	75	60	60	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	240-	241-751661	242-756189	1
Location	UNIT WELL 24	UNIT WELL 24	UNIT WELL 24	2
Purpose	P	B	B	3
Destination	R	D	D	4
Pump Manufacturer	L-NW	F-M	F-M	5
Year Installed	1995	1952	1952	6
Type	VERTICAL TURBINE	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	2,100	1,225	2,025	8
Pump Motor or				9
Standby Engine Mfr	U.S.	F-M	F-M	10
Year Installed	1980	1952	1952	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	150	100	150	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	243-25795	250-2622456	251-52870	14
Location	UNIT WELL 24	UNIT WELL 25	UNIT WELL 25	15
Purpose	B	P	B	16
Destination	D	R	D	17
Pump Manufacturer	A-C	PEER	WORTH	18
Year Installed	1975	1983	1983	19
Type	CENTRIFUGAL	VERTICAL TURBINE	CENTRIFUGAL	20
Actual Capacity (gpm)	3,000	2,160	1,525	21
Pump Motor or				22
Standby Engine Mfr	F-M	G.E.	U.S.	23
Year Installed	1975	1983	1983	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	200	200	75	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	252-53282	260-109059-L	261-	1
Location	UNIT WELL 25	UNIT WELL 26	UNIT WELL 26	2
Purpose	B	P	B	3
Destination	D	R	D	4
Pump Manufacturer	WORTH	L-NW	WORTH	5
Year Installed	1983	1989	1988	6
Type	CENTRIFUGAL	VERTICAL TURBINE	CENTRIFUGAL	7
Actual Capacity (gpm)	2,250	2,125	1,000	8
Pump Motor or				9
Standby Engine Mfr	U.S.	U.S.	U.S.	10
Year Installed	1983	1988	1988	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	125	350	50	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	262-	270-9165	271-	14
Location	UNIT WELL 26	UNIT WELL 27	UNTI WELL 27	15
Purpose	B	P	B	16
Destination	D	R	D	17
Pump Manufacturer	WORTH	AMERICAN	AURORA	18
Year Installed	1988	1992	1992	19
Type	CENTRIFUGAL	VERTICAL TURBINE	CENTRIFUGAL	20
Actual Capacity (gpm)	2,000	2,200	1,500	21
Pump Motor or				22
Standby Engine Mfr	U.S.	G.E.	U.S.	23
Year Installed	1988	1992	1992	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	100	200	125	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	272-	SAN DIST 8		1
Location	UNIT WELL 27	SANITARY DISTRICT 8		2
Purpose	B	P		3
Destination	D	R		4
Pump Manufacturer	C-D	L-NW		5
Year Installed	1992	1965		6
Type	CENTRIFUGAL	VERTICAL TURBINE		7
Actual Capacity (gpm)	2,100	130		8
Pump Motor or				9
Standby Engine Mfr	U.S	G.E		10
Year Installed	1992	1973		11
Type	ELECTRIC	ELECTRIC		12
Horsepower	150	200		13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification				14
Location				15
Purpose				16
Destination				17
Pump Manufacturer				18
Year Installed				19
Type				20
Actual Capacity (gpm)				21
Pump Motor or				22
Standby Engine Mfr				23
Year Installed				24
Type				25
Horsepower				26

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	ALLIS HEIGHTS	HIGH CROSSING	HIGH SERVICE	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	S	ET	R	5
Year constructed	1951	1994	1926	6
Primary material (earthen, steel,				7
concrete, other)	STEEL	STEEL	CONCRETE	8
Elevation difference in feet				9
(See Headnote 3.)	200	275	211	10
Total capacity in gallons	3,000,000	500,000	6,000,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	17
Filters, type (gravity, pressure,				18
other, none)	NONE	NONE	NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	65.8000	65.8000	65.8000	22
Is a corrosion control chemical				23
used (yes, no)?	N	N	N	24
Is water fluoridated (yes, no)?	Y	Y	Y	25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	L.A.SMITH	LA SMITH	LAKEVIEW	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	S	ET	ET	5
Year constructed	1964	1976	1971	6
Primary material (earthen, steel,				7
concrete, other)	STEEL	STEEL	STEEL	8
Elevation difference in feet				9
(See Headnote 3.)	307	382	288	10
Total capacity in gallons	4,200,000	100,000	55,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	17
Filters, type (gravity, pressure,				18
other, none)	NONE	NONE	NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	65.8000	65.8000	65.8000	22
Is a corrosion control chemical				23
used (yes, no)?	N	N	N	24
Is water fluoridated (yes, no)?	Y	Y	Y	25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	NICHOLS	NORDNESS	SANITARY DISTRICT 08	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	R	S	ET	5
Year constructed	1975	1967	1972	6
Primary material (earthen, steel,				7
concrete, other)	CONCRETE	STEEL	STEEL	8
Elevation difference in feet				9
(See Headnote 3.)	10	181	126	10
Total capacity in gallons	4,000,000	3,000,000	75,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	17
Filters, type (gravity, pressure,				18
other, none)	NONE	NONE	NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	65.8000	65.8000	65.8000	22
Is a corrosion control chemical				23
used (yes, no)?	N	N	N	24
Is water fluoridated (yes, no)?	Y	Y	Y	25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	UNIT WELL 03	UNIT WELL 05	UNIT WELL 06	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	R	R	R	5
Year constructed	1930	1979	1938	6
Primary material (earthen, steel,				7
concrete, other)	CONCRETE	CONCRETE	CONCRETE	8
Elevation difference in feet				9
(See Headnote 3.)	8	58	34	10
Total capacity in gallons	40,000	250,000	155,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	17
Filters, type (gravity, pressure,				18
other, none)	NONE	NONE	NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	65.8000	65.8000	65.8000	22
Is a corrosion control chemical				23
used (yes, no)?	N	N	N	24
Is water fluoridated (yes, no)?	Y	Y	Y	25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	UNIT WELL 07	UNIT WELL 08	UNIT WELL 10	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	R	R	R	5
Year constructed	1941	1944	1953	6
Primary material (earthen, steel,				7
concrete, other)	CONCRETE	CONCRETE	CONCRETE	8
Elevation difference in feet				9
(See Headnote 3.)	46	23	152	10
Total capacity in gallons	135,000	140,000	100,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	17
Filters, type (gravity, pressure,				18
other, none)	NONE	NONE	NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	65.8000	65.8000	65.8000	22
Is a corrosion control chemical				23
used (yes, no)?	N	N	N	24
Is water fluoridated (yes, no)?	Y	Y	Y	25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	UNIT WELL 11	UNIT WELL 12	UNIT WELL 13	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	R	R	R	5
Year constructed	1958	1958	1960	6
Primary material (earthen, steel,				7
concrete, other)	CONCRETE	CONCRETE	CONCRETE	8
Elevation difference in feet				9
(See Headnote 3.)	22	154	18	10
Total capacity in gallons	150,000	150,000	150,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	17
Filters, type (gravity, pressure,				18
other, none)	NONE	NONE	NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	65.8000	65.8000	65.8000	22
Is a corrosion control chemical				23
used (yes, no)?	N	N	N	24
Is water fluoridated (yes, no)?	Y	Y	Y	25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	UNIT WELL 14	UNIT WELL 15	UNIT WELL 16	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	R	R	R	5
Year constructed	1962	1967	1968	6
Primary material (earthen, steel,				7
concrete, other)	CONCRETE	CONCRETE	CONCRETE	8
Elevation difference in feet				9
(See Headnote 3.)	33	46	20	10
Total capacity in gallons	150,000	150,000	279,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	17
Filters, type (gravity, pressure,				18
other, none)	NONE	NONE	NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	65.8000	65.8000	65.8000	22
Is a corrosion control chemical				23
used (yes, no)?	N	N	N	24
Is water fluoridated (yes, no)?	Y	Y	Y	25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	UNIT WELL 17	UNIT WELL 18	UNIT WELL 19	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	R	R	R	5
Year constructed	1968	1971	1974	6
Primary material (earthen, steel,				7
concrete, other)	CONCRETE	CONCRETE	CONCRETE	8
Elevation difference in feet				9
(See Headnote 3.)	8	9	36	10
Total capacity in gallons	375,000	477,000	3,000,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	17
Filters, type (gravity, pressure,				18
other, none)	NONE	NONE	NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	65.8000	65.8000	65.8000	22
Is a corrosion control chemical				23
used (yes, no)?	N	N	N	24
Is water fluoridated (yes, no)?	Y	Y	Y	25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	UNIT WELL 23	UNIT WELL 25	UNIT WELL 26	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	R	R	ET	5
Year constructed	1962	1983	1988	6
Primary material (earthen, steel,				7
concrete, other)	CONCRETE	CONCRETE	STEEL	8
Elevation difference in feet				9
(See Headnote 3.)	80	92	458	10
Total capacity in gallons	100,000	325,000	250,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	17
Filters, type (gravity, pressure,				18
other, none)	NONE	NONE	NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	65.8000	65.8000	65.8000	22
Is a corrosion control chemical				23
used (yes, no)?	N	N	N	24
Is water fluoridated (yes, no)?	Y	Y	Y	25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	UNIT WELL 261	UNIT WELL 27		1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	R	R		5
Year constructed	1988	1992		6
Primary material (earthen, steel,				7
concrete, other)	CONCRETE	CONCRETE		8
Elevation difference in feet				9
(See Headnote 3.)	337	12		10
Total capacity in gallons	4,000,000	315,000		11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID	LIQUID		14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE	WELLHOUSE		17
Filters, type (gravity, pressure,				18
other, none)	NONE	NONE		19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	65.8000	65.8000		22
Is a corrosion control chemical				23
used (yes, no)?	N	N		24
Is water fluoridated (yes, no)?	Y	Y		25

WATER MAINS

1. Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
2. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement), or P (Plastic for plastic and all other non-metal excluding asbestos-cement).
3. Identify function as: T (Transmission), D (Distribution) or S (Supply).
4. Explain all reported adjustments as a schedule footnote.
5. For main additions reported in column (e), as a schedule footnote:
   a. Explain how the additions were financed.
   b. If assessed against property owners, explain the basis of the assessments.
   c. If the assessments are deferred, explain.

			Number of Feet					
Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	First of Year (d)	Added During Year (e)	Retired During Year (f)	Adjustments Increase or (Decrease) (g)	End of Year (h)	
M	D	0.750	578				**578**	1
M	D	1.000	4,314				**4,314**	2
M	D	1.500	1,080				**1,080**	3
M	D	2.000	6,161				**6,161**	4
M	D	3.000	2,882				**2,882**	5
M	D	4.000	235,434	267	6,425		**229,276**	6
P	D	4.000	163				**163**	7
M	D	6.000	1,646,821	2,970	1,085		**1,648,706**	8
P	D	6.000	1,120				**1,120**	9
M	D	8.000	752,225	13,963	840		**765,348**	10
P	D	8.000	13,633				**13,633**	11
M	D	10.000	520,143	5,755			**525,898**	12
P	D	10.000	17,687				**17,687**	13
M	D	12.000	258,421	1,862	100		**260,183**	14
P	D	12.000	18,016				**18,016**	15
M	D	14.000	2,129				**2,129**	16
M	D	16.000	131,379				**131,379**	17
M	D	20.000	43,885				**43,885**	18
M	D	24.000	2,154				**2,154**	19
Total Within Municipality			**3,658,225**	**24,817**	**8,450**	**0**	**3,674,592**	
M	D	6.000	35,087				**35,087**	20
M	D	8.000	16,813				**16,813**	21
M	D	10.000	9,188				**9,188**	22
M	D	12.000	8,557				**8,557**	23
M	D	16.000	7,620				**7,620**	24
M	D	20.000	31				**31**	25
Total Outside of Municipality			**77,296**	**0**	**0**	**0**	**77,296**	
Total Utility			**3,735,521**	**24,817**	**8,450**	**0**	**3,751,888**	

WATER SERVICES

1. Explain all reported adjustments as a schedule footnote.
2. Report in column (h) the number of utility-owned services included in columns (c) through (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
3. For services added during the year in column (d), as a schedule footnote:
   a. Explain how the additions were financed.
   b. If assessed against property owners, explain the basis of the assessments.
   c. If installed by a property owner or developer, explain the basis of recording the cost of the additions, the total amount and the number of services recorded under this method.
   d. If any were financed by application of Cz-1, provide the total amount recorded and the number of services recorded under this method.
4. Report services separately by pipe material and diameter.
5. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement) or P (Plastic for plastic and all other non-metal excluding asbestos-cement).

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)	
L	0.625	5,157		312		4,845		1
L	0.750	409		13		396		2
M	0.750	30,481	4	7		30,478		3
M	1.000	10,756	1,104	42		11,818		4
L	1.000	95		3		92		5
M	1.250	16				16		6
M	1.500	1,618	54	4		1,668		7
M	2.000	1,350	24	3		1,371		8
M	3.000	186				186		9
P	4.000	12				12		10
M	4.000	662	19	4		677		11
M	6.000	668	35			703		12
P	6.000	8				8		13
M	8.000	362	17	3		376		14
P	8.000	2				2		15
M	10.000	34	2			36		16
P	10.000	1				1		17
M	12.000	10				10		18
Total Utility		**51,827**	**1,259**	**391**	**0**	**52,695**	**0**	

METERS

1. Include in Columns (b), (c), (d), (e) and (f) meters in stock as well as those in service.
2. Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
3. Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections.
4. Totals by size in Column (f) should equal same size totals in Column (o).

Number of Utility-Owned Meters

Size of Meter (a)	First of Year (b)	Added During Year (c)	Retired During Year (d)	Adjustments Increase or (Decrease) (e)	End of Year (f)	Tested During Year (g)	
0.625	49,411	891	141		**50,161**	5,901	1
0.750	2,150	48	18		**2,180**	386	2
1.000	2,054	106	73		**2,087**	307	3
1.500	982	87	34		**1,035**	270	4
2.000	756	182	190		**748**	216	5
3.000	124	3			**127**	80	6
4.000	85	2			**87**	40	7
6.000	33				**33**	33	8
8.000	3				**3**	3	9
10.000	1				**1**	1	10
12.000	1				**1**	1	11
Total:	**55,600**	**1,319**	**456**	**0**	**56,463**	**7,238**	

Classification of All Meters at End of Year by Customers

Size of Meter (h)	Residential (i)	Commercial (j)	Industrial (k)	Public Authority (l)	Wholesale, Inter-Department or Utility Use (m)	In Stock and Deduct Meters (n)	Total (o)	
0.625	46,457	3,119	5	73		507	**50,161**	1
0.750	448	1,587	14	60		71	**2,180**	2
1.000	39	1,749	13	126		160	**2,087**	3
1.500		796	7	44		188	**1,035**	4
2.000		616	7	81		44	**748**	5
3.000		70	11	36		10	**127**	6
4.000		35	6	38		8	**87**	7
6.000		4	7	10	7	5	**33**	8
8.000				2	1		**3**	9
10.000				1			**1**	10
12.000				1			**1**	11
Total:	**46,944**	**7,976**	**70**	**472**	**8**	**993**	**56,463**	

HYDRANTS AND DISTRIBUTION SYSTEM VALVES

1. Distinguish between fire and flushing hydrants by lead size.
   a. Fire hydrants normally have a lead size of 6 inches or greater.
   b. Record as a flushing hydrant where the lead size is less than 6 inches or if pressure is inadequate to provide fire flow.
2. Explain all reported adjustments in the schedule footnotes.
3. Report fire hydrants as within or outside the municipal boundaries.

Hydrant Type (a)	Number In Service First of Year (b)	Added During Year (c)	Removed During Year (d)	Adjustments Increase or (Decrease) (e)	Number In Service End of Year (f)	
Fire Hydrants						
Outside of Municipality	140				140	**1**
Within Municipality	6,271	58	10		6,319	**2**
Total Fire Hydrants	**6,411**	**58**	**10**	**0**	**6,459**	
Flushing Hydrants						
	124		4		120	**3**
Total Flushing Hydrants	**124**	**0**	**4**	**0**	**120**	

Wis. Admin. Code § 185.87 requires that a schedule shall be adopted and followed for operating each system valve and hydrant at least once each two years. Report the number operated during the year

Number of hydrants operated during year: 3,668

Number of distribution system valves end of year: 14,790

Number of distribution valves operated during year: 6,887

WATER OPERATING SECTION FOOTNOTES

Water Operation & Maintenance Expenses (Page W-05)

Acct 614 - Maintenance of Wells - In 1996 the utility had Unit Well #18 chemically treated at a cost of $36,836. 1997 costs for well rehabilitation were much lower.

Acct 620 - Operation Supervison - Pumping - The increase was due to a reallocation of wages.

Acct 631 - Maintenance of Structures - 1996 expenses were unusually high because of caulking and tuckpointing work on several pumphouses. No similar costs were incurred in 1997.

Acct 662 - Transmission & Distribution Lines Expense - 1996 expenses were unusually high because of the purchase of backflow prevention equipment for use with hydrant valves. No similar costs were incurred in 1997.

Acct 663 - Meter Expenses - the increase was due to changing more meters in 1997 than in 1996: also, the meter shop was fully staffed for most of 1997, which it had not been in 1996.

Acct 664 - Customer Installation Expense - There was a decrease because a position of cross connection inspector was vacant for most of 1997.

Acct 903 - Customer Accounts Expense - Charges from the City of Madison for Treasurers Office and Data Processing services were much lower in 1997 than in 1996.

Acct 921 - Office Supplies and Expenses - The increase was due to paying the annual maintenance fee for the automated accounting system in 1997. There was no similar charge in 1996.

Acct 925 - Injuries & Damages - The increase was due to much larger workers's compensation costs in 1997.

Acct 930 - Miscellaneous General Expenses - The increase was due to making a contribution to the AWWA Research Foundation in 1997. No contribution was made in 1996.

WATER OPERATING SECTION FOOTNOTES

Water Utility Plant in Service (Page W-08)

Acct. 314 - Abandoned Well - Unit Well #2.
Acct. 321 - New Driveway at High Crossing Booster Station.
- 321 - Abandoned Pumphouse - Unit Well #2.
Acct. 325 - Installed Flow Recorders at Unit Wells #3,9,12,17,25. Replaced deepwell pump at Unit Well #23. Revised deepwell discharge piping at Unit Well #5.
- 325 - Junked pumping equipment at Unit Well #2
Acct. 390 - At the Operations center- replaced office area furnace, 3 overhead doors in mechanics area, 1 overhead door in welding shop, carpeted the pump operators area.
Acct 391.1 - Installed fiber optic cable system, computerized mapping, purchased 5 desktop computers, 7 laptop computers, Laser Printer.
- 391.1 - Retired 5 desktop computers, 6 CRT workstations, & 1 mapping workstation.
Acct. 392 - Purchased 7 vehicles, 6 of them replacements.
Acct. 394 - Purchased survey equipment, 3 portable radios, 2 compactors, tapping machine, gas monitor, various other small tools.
- 394 - Retired obsolete equipment.
Acct. 396 - Replaced 2 backhoes & 2 compressors.

Breakdown for Meters(346) x	Bal 01-01-97	Additions	Retirements	Bal 12-31-97
Meters (346)	4,226,949	196,296	43,072	4,380,173
Meters-Plastic(346.1)	5,502		1,478	4,024
x				
x	4,232,451	196,296	44,550	4,384,197

Water Mains (Page W-17)

Some mains added were financed by assessments, some by developer contributions, and some by the Utility.
Refer to Public Service Commission Rate Schedule No. X-1.

Water Services (Page W-18)

Some services added were financed by property owners, some by developer contributions, and some by the Utility.
Refer to Public Service Commission Rate Schedule No. X-1.

Hydrants and Distribution System Valves (Page W-20)

In a letter dated November 25, 1997, the Madison Water Utility requested a waiver of the two year valve operation cycle. On January 30, 1998 we received a letter from the Public Service Commission of Wisconsin authorizing our request for an extension of the valve operation cycle from two to four years. In 1997 we actually operated 46.5% of our valves.